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WATER FUND CAPITAL PROJECTS SUMMARY OF APPROPRIATIONS

	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
Resources:					
Pay-as-you-go Water Operating Fund	\$850,000	\$875,000	\$900,000	\$925,000	\$950,000
Amount to be Provided by General Obligation Bond Issues	1,775,000	4,450,000	2,850,000	1,325,000	1,300,000
Total Estimated Resources	<u>2,625,000</u>	<u>5,325,000</u>	<u>3,750,000</u>	<u>2,250,000</u>	<u>2,250,000</u>
Recurring Projects:					
Small water mains	400,000	400,000	400,000	400,000	400,000
Annual extensions	350,000	350,000	350,000	350,000	350,000
Water treatment plant improvements	250,000	250,000	250,000	250,000	250,000
Distribution system improvements	750,000	750,000	750,000	750,000	750,000
Tank rehabilitation	500,000	500,000	500,000	500,000	500,000
	<u>2,250,000</u>	<u>2,250,000</u>	<u>2,250,000</u>	<u>2,250,000</u>	<u>2,250,000</u>
Other Projects:					
College Hill Filtration Plant Filters	200,000	2,800,000	0	0	0
Abert Filtration Plant Filters	0	0	0	0	0
Abert Filtration Plant Lagoons	50,000	150,000	1,500,000	0	0
Field operations facility	0	0	0	0	0
Large meter replacements	125,000	125,000	0	0	0
	<u>375,000</u>	<u>3,075,000</u>	<u>1,500,000</u>	<u>0</u>	<u>0</u>
Total Proposed Projects	<u>\$2,625,000</u>	<u>\$5,325,000</u>	<u>\$3,750,000</u>	<u>\$2,250,000</u>	<u>\$2,250,000</u>

**WATER FUND CAPITAL PROJECTS FINANCING PLAN**

As part of the annual budget process, the City appropriates funding for capital projects in accordance with the Five Year Capital Improvement Plan. Typically, the City conducts annual bond financings in the last half of each fiscal year. New bond issues are based on the expected cash flow requirements of projects between bond sales and may differ from funding requirements for annual appropriations.

	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Balance Forward	\$2,688,659	\$1,043,144	\$1,493,144	\$1,180,644	\$1,155,644
Income:					
Pay-as-you-go from Water Operating Fund	850,000	875,000	900,000	925,000	950,000
General Obligation Bond Proceeds	<u>5,000,000</u>	<u>3,500,000</u>	<u>4,000,000</u>	<u>1,300,000</u>	<u>1,300,000</u>
Balance and Income	<u>8,538,659</u>	<u>5,418,144</u>	<u>6,393,144</u>	<u>3,405,644</u>	<u>3,405,644</u>
Cash Flow Requirements					
Incomplete projects as of July 1, 2004	6,058,015 ¹	0	0	0	0
FY 2005-2009 CIP Projects	<u>1,437,500 ¹</u>	<u>3,925,000 ¹</u>	<u>5,212,500 ¹</u>	<u>2,250,000 ¹</u>	<u>2,250,000 ¹</u>
Total Expenditures	<u>7,495,515</u>	<u>3,925,000</u>	<u>5,212,500</u>	<u>2,250,000</u>	<u>2,250,000</u>
Balance Forward	<u>\$1,043,144 ²</u>	<u>\$1,493,144 ²</u>	<u>\$1,180,644 ²</u>	<u>\$1,155,644 ²</u>	<u>\$1,155,644 ²</u>

¹ Source: Department of Public Works, Utilities Division

² Balance Forward provides estimated funding for projects until the annual bond sale typically in the last half of the fiscal year.



WATER FUND CAPITAL PROJECTS DETAIL SUMMARY

FIVE-YEAR PROPOSED PROGRAMMING TO BE FINANCED BY THE CITY					
Project Title	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
WATER					
Abert Water Plant - Sludge Lagoons	50,000	150,000	1,500,000	0	0
Source of Funding					
G.O. Bond	50,000	150,000	1,500,000	0	0
Capitalized Interest	0	0	0	0	0
Source of Funding					
G.O. Bond	0	0	0	0	0
College Hill Water Filter Plant - Filter Renovation	200,000	2,800,000	0	0	0
Source of Funding					
G.O. Bond	200,000	2,800,000	0	0	0
Distribution System Improvements	750,000	750,000	750,000	750,000	750,000
Source of Funding					
G.O. Bond	750,000	750,000	750,000	750,000	750,000
Large Water Meter Replacement	125,000	125,000	0	0	0
Source of Funding					
G.O. Bond	25,000	0	0	0	0
Pay-As-You-Go	100,000	125,000	0	0	0
Water Extensions	350,000	350,000	350,000	350,000	350,000
Source of Funding					
Pay-As-You-Go	350,000	350,000	350,000	350,000	350,000
Water Main Replacement - Combined Sewer Overflow (CSO)	400,000	400,000	400,000	400,000	400,000
Source of Funding					
Pay-As-You-Go	400,000	400,000	400,000	400,000	400,000
Water Tank Rehabilitation	500,000	500,000	500,000	500,000	500,000
Source of Funding					
G.O. Bond	500,000	500,000	500,000	500,000	500,000
Water Treatment Plant Improvements	250,000	250,000	250,000	250,000	250,000
Source of Funding					
G.O. Bond	250,000	250,000	100,000	75,000	50,000
Pay-As-You-Go	0	0	150,000	175,000	200,000
Total Estimates Submitted 05-09 CIP	\$2,625,000	\$5,325,000	\$3,750,000	\$2,250,000	\$2,250,000
Source of Funding					
G.O. Bond	1,775,000	4,450,000	2,850,000	1,325,000	1,300,000
Pay-As-You-Go	850,000	875,000	900,000	925,000	950,000
Other	0	0	0	0	0
	2,625,000	5,325,000	3,750,000	2,250,000	2,250,000



<i>FIVE-YEAR ESTIMATED NET COST</i>	<i>EXPENDITURES THROUGH 6/30/2003</i>	<i>FY 2004 APPROPRIATION</i>	<i>ESTIMATED COST BEYOND PROGRAM PERIOD</i>	<i>TOTAL ACCUMULATED PROJECT COST</i>
<i>1,700,000</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>\$1,700,000</i>
<i>0</i>	<i>0</i>	<i>64,000</i>	<i>0</i>	<i>\$64,000</i>
<i>3,000,000</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>\$3,000,000</i>
<i>3,750,000</i>	<i>On-going</i>	<i>1,210,772</i>	<i>On-going</i>	<i>\$4,960,772</i>
<i>250,000</i>	<i>152,177</i>	<i>222,823</i>	<i>0</i>	<i>\$625,000</i>
<i>1,750,000</i>	<i>On-going</i>	<i>201,812</i>	<i>On-going</i>	<i>\$1,951,812</i>
<i>2,000,000</i>	<i>On-going</i>	<i>400,000</i>	<i>On-going</i>	<i>\$2,400,000</i>
<i>2,500,000</i>	<i>On-going</i>	<i>1,991,450</i>	<i>On-going</i>	<i>\$4,491,450</i>
<i>1,250,000</i>	<i>On-going</i>	<i>500,000</i>	<i>On-going</i>	<i>\$1,750,000</i>
<i>\$16,200,000</i>	<i>\$152,177</i>	<i>\$4,590,857</i>	<i>\$0</i>	<i>\$20,943,034</i>
<i>\$11,700,000</i>				
<i>\$4,500,000</i>				
<i>\$0</i>				
<i>\$16,200,000</i>				



Project Title: Abert Water Plant - Sludge Lagoons

Project Type: New Construction/Expansion

Project Manager(s): Tim Mitchell, Assistant Director of Utilities

Phase of the Project: 01

Location: Abert Water Filter Plant, Bedford County, Virginia

Status of Project Site: City Owned

Description:

Water filtration waste by-products at the plant are now captured in several lagoons. The lagoons are reaching their maximum capacity. Alternatives to sludge disposal and subsequent construction of the improvements will be needed.

Operating Budget Impact (Overall operating expenses and projected staffing requirements):

Undetermined until study is performed.

Relationship to Comprehensive Plan:

Chapter 15, Page 15.7, Goal 1. Provide the citizens of Lynchburg with dependable, modern, high quality water and sanitary sewer service with sufficient system capacity to meet the City's long-term requirements.

Department Priority:

☒ Project supports essential services

Timetable:

Sub-Project	FY 2005				FY 2006				FY 2007				FY 2008				FY 2009			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
00 City Engineering Service Charges									x	x	x	x	x	x	x					
40 Consultant Engineering	x	x	x	x	x	x	x	x												
50 Contract Administration (Contractual)									x	x	x	x	x	x	x					
60 Inspections (Contractual)									x	x	x	x	x	x	x					
70 Construction									x	x	x	x	x	x	x					

Total Project Cost

Expenditures through 6/30/2003	Appropriated 2004	Requested	Beyond FY 2009	Total Project Cost
\$0	\$0	\$1,700,000		\$1,700,000

Five Year Proposed Project Appropriation by Sub-Project

Sub-Projects	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Program Period Estimate
City Engineering Service Charges			25,000			\$25,000
Consultant Engineering	50,000	150,000				\$200,000
Contract Administration (Contractual)			15,000			\$15,000
Inspections (Contractual)			30,000			\$30,000
Construction			1,430,000			\$1,430,000
TOTAL	\$50,000	\$150,000	\$1,500,000	\$0	\$0	\$1,700,000

Five Year Proposed Project Appropriation by Fund

4017 Water Capital Project Fund	50,000	150,000	1,500,000			\$1,700,000
TOTAL	\$50,000	\$150,000	\$1,500,000	\$0	\$0	\$1,700,000

Five Year Proposed Project Expenditure by Source of Funding

Sources of Funding	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total Funding
G.O. Bond	50,000	150,000	1,500,000			\$1,700,000
TOTAL	\$50,000	\$150,000	\$1,500,000	\$0	\$0	\$1,700,000

Sources of Project Funding FY 2005 - 2009 (in percent)

Local: 100%



Project Title:	College Hill Water Filter Plant – Filter Renovation
Project Type:	New Construction/Expansion
Project Manager(s):	Tim Mitchell, Assistant Director of Utilities
Phase of the Project:	01
Location:	College Hill Water Treatment Plant
Status of Project Site:	City Owned

Description:

Complete renovation of the six multi-layered water filters at the College Hill Water Plant..

Operating Budget Impact (Overall operating expenses and projected staffing requirements):

N/A

Relationship to Comprehensive Plan:

Chapter 15, Page 15.7, Goal 1. Provide the citizens of Lynchburg with dependable, modern, high quality water and sanitary sewer service with sufficient system capacity to meet the City's long-term requirements.

Department Priority:
☒

Project supports essential services

Timetable:

Sub-Project	FY 2005				FY 2006				FY 2007				FY 2008				FY 2009			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
40 Consultant Engineering	x	x	x	x																
70 Construction					x	x	x	x	x	x										

Total Project Cost

Expenditures through 6/30/2003	Appropriated 2004	Requested	Beyond FY 2009	Total Project Cost
\$0	\$0	\$3,000,000		\$3,000,000

Five Year Proposed Project Appropriation by Sub-Project

Sub-Projects	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Program Period Estimate
Consultant Engineering	200,000					\$200,000
Construction		2,800,000				\$2,800,000
TOTAL	\$200,000	\$2,800,000	\$0	\$0	\$0	\$3,000,000

Five Year Proposed Project Appropriation by Fund

4017 Water Capital Project Fund	200,000	2,800,000				\$3,000,000
TOTAL	\$200,000	\$2,800,000	\$0	\$0	\$0	\$3,000,000

Five Year Proposed Project Expenditure by Source of Funding

Sources of Funding	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total Funding
G.O. Bond	200,000	1,400,000	1,400,000			\$3,000,000
TOTAL	\$200,000	\$1,400,000	\$1,400,000	\$0	\$0	\$3,000,000

Sources of Project Funding FY 2005 - 2009 (in percent)

Local: 100%



Project Title: Distribution System Improvements

Project Type: New Construction/Expansion

Project Manager(s): Tim Mitchell, Assistant Director of Utilities

Phase of the Project: Continuing

Location: Various locations in City

Status of Project Site: N/A

Description:

Construction of new or replacement of existing water mains, tie-ins, pump station improvements, valves, fire hydrants.

Operating Budget Impact (Overall operating expenses and projected staffing requirements):

N/A

Relationship to Comprehensive Plan:

Chapter 15, Page 15.7, Goal 1, *Objective 1.A*. Maintenance & Replacement. Continue with Public Works Department's focus on maintenance of the existing water system and replacement of old mains.

Department Priority:

Project supports essential services

Timetable:

Sub-Project	FY 2005				FY 2006				FY 2007				FY 2008				FY 2009			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
00 City Engineering Service Charges	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
40 Consultant Engineering	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
70 Construction	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
80 Contingency	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x

Total Project Cost

Expenditures through 6/30/2003	Appropriated 2004	Requested	Beyond FY 2009	Total Project Cost
Continuing	\$1,210,772	\$3,750,000	Continuing	\$4,960,772

Five Year Proposed Project Appropriation by Sub-Project

Sub-Projects	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Program Period Estimate
City Engineering Service Charges	50,000	50,000	50,000	50,000	50,000	\$250,000
Consultant Engineering	40,000	40,000	40,000	40,000	40,000	\$200,000
Construction	585,000	585,000	585,000	585,000	585,000	\$2,925,000
Contingency	75,000	75,000	75,000	75,000	75,000	\$375,000
TOTAL	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$3,750,000

Five Year Proposed Project Appropriation by Fund

4017 Water Capital Project Fund	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	
	750,000	750,000	750,000	750,000	750,000	\$3,750,000
TOTAL	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$3,750,000

Five Year Proposed Project Expenditure by Source of Funding

Sources of Funding	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total Funding
G.O. Bond	87,500	750,000	750,000	750,000	750,000	\$3,087,500
Pay-As-You-Go	287,500					\$287,500
TOTAL	\$375,000	\$750,000	\$750,000	\$750,000	\$750,000	\$3,375,000

Sources of Project Funding FY 2005 - 2009 (in percent)

Local: 100%



Project Title:	Large Water Meter Replacement
Project Type:	New Construction/Expansion
Project Manager(s):	Tim Mitchell, Assistant Director of Utilities and Joe Dawson, Meter Supervisor
Phase of the Project:	02
Location:	Various
Status of Project Site:	N/A
Description:	Program for replacement of large (3" and over) water meters.

Operating Budget Impact (Overall operating expenses and projected staffing requirements):

N/A

Relationship to Comprehensive Plan:

Chapter 15, Page 15.7, Goal 1, *Objective 1.A*. Maintenance & Replacement. Continue with Public Works Department's focus on maintenance of the existing water system and replacement of old mains.

Department Priority:

- ☒ Project supports essential services
- ☒ Project contributes to generation of new revenue

Timetable:

Sub-Project	FY 2005				FY 2006				FY 2007				FY 2008				FY 2009			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
70 Construction	x	x	x	x	x	x	x	x												

Total Project Cost

Expenditures through 6/30/2003	Appropriated 2004	Requested	Beyond FY 2009	Total Project Cost
\$152,177	\$222,823	\$250,000		\$625,000

Five Year Proposed Project Appropriation by Sub-Project

Sub-Projects	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Program Period Estimate
Inspections (Contractual)						\$0
Construction	125,000	125,000				\$250,000
TOTAL	\$125,000	\$125,000	\$0	\$0	\$0	\$250,000

Five Year Proposed Project Appropriation by Fund

4017 Water Capital Project Fund	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total Funding
TOTAL	\$125,000	\$125,000	\$0	\$0	\$0	\$250,000

Five Year Proposed Project Expenditure by Source of Funding

Sources of Funding	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total Funding
Pay-As-You-Go	62,500	125,000	62,500			\$250,000
TOTAL	\$62,500	\$125,000	\$62,500	\$0	\$0	\$250,000

Sources of Project Funding FY 2005 - 2009 (in percent)

Local: 100%



Project Title:	Water Extensions
Project Type:	New Construction/Expansion
Project Manager(s):	Lee Newland, Director of Engineering
Phase of the Project:	Continuing
Location:	Various locations in City
Status of Project Site:	N/A

Description:

Extension of water lines are requested by petition process. These requests may include existing non-served properties, commercial development and new residential subdivisions. Also for reimbursement of developer costs to construct City water lines per City Code.

Operating Budget Impact (Overall operating expenses and projected staffing requirements):

N/A

Relationship to Comprehensive Plan:

Chapter 15, Page 15.7, Goal 1. Provide the citizens of Lynchburg with dependable, modern, high quality water and sanitary sewer service with sufficient capacity to meet the City's long-term requirements.

Department Priority:

- ☒ Project supports essential services
- ☒ Project contributes to generation of new revenue

Timetable:

Sub-Project	FY 2005				FY 2006				FY 2007				FY 2008				FY 2009			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
00 City Engineering Service Charges	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
70 Construction	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
80 Contingency	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x

Total Project Cost

Expenditures through 6/30/2003	Appropriated 2004	Requested	Beyond FY 2009	Total Project Cost
Continuing	\$201,812	\$1,750,000	Continuing	\$1,951,812

Five Year Proposed Project Appropriation by Sub-Project

Sub-Projects	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Program Period Estimate
City Engineering Service Charges	40,000	40,000	40,000	40,000	40,000	\$200,000
Construction	270,000	270,000	270,000	270,000	270,000	\$1,350,000
Contingency	40,000	40,000	40,000	40,000	40,000	\$200,000
TOTAL	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$1,750,000

Five Year Proposed Project Appropriation by Fund

4017 Water Capital Project Fund	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total
TOTAL	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$1,750,000

Five Year Proposed Project Expenditure by Source of Funding

Sources of Funding	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total Funding
Pay-As-You-Go	175,000	350,000	350,000	350,000	350,000	\$1,575,000
TOTAL	\$175,000	\$350,000	\$350,000	\$350,000	\$350,000	\$1,575,000

Sources of Project Funding FY 2005 - 2009 (in percent)

Local: 100%



Project Title:	Water Main Replacement - Combined Sewer Overflow (CSO)
Project Type:	New Construction/Expansion
Project Manager(s):	Greg Poff, CSO Program Manager
Phase of the Project:	Continuing
Location:	Various locations in City
Status of Project Site:	City Owned

Description:

Replacement of existing small water lines (1", 1-1/2", 2" and 4") located throughout the City with 8-inch diameter water main lines. Replacement is in conjunction with construction of CSO projects.

Operating Budget Impact (Overall operating expenses and projected staffing requirements):

N/A

Relationship to Comprehensive Plan:

Chapter 15, Page 15.7, Goal 1, *Objective 1.A*. Maintenance & Replacement. Continue with Public Works Department's focus on maintenance of the existing water system and replacement of old mains.

Department Priority:
☒

Project supports essential services

Timetable:

Sub-Project	FY 2005				FY 2006				FY 2007				FY 2008				FY 2009			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
00 City Engineering Service Charges	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
40 Consultant Engineering	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
70 Construction	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
80 Contingency	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x

Total Project Cost

Expenditures through 6/30/2003	Appropriated 2004	Requested	Beyond FY 2009	Total Project Cost
Continuing	\$400,000	\$2,000,000	Continuing	\$2,400,000

Five Year Proposed Project Appropriation by Sub-Project

Sub-Projects	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Program Period Estimate
City Engineering Service Charges	30,000	30,000	30,000	30,000	30,000	\$150,000
Consultant Engineering	30,000	30,000	30,000	30,000	30,000	\$150,000
Construction	280,000	280,000	280,000	280,000	280,000	\$1,400,000
Contingency	60,000	60,000	60,000	60,000	60,000	\$300,000
TOTAL	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000

Five Year Proposed Project Appropriation by Fund

4017 Water Capital Project Fund	400,000	400,000	400,000	400,000	400,000	\$2,000,000
TOTAL	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000

Five Year Proposed Project Expenditure by Source of Funding

Sources of Funding	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total Funding
Pay-As-You-Go	200,000	400,000	400,000	400,000	400,000	\$1,800,000
TOTAL	\$200,000	\$400,000	\$400,000	\$400,000	\$400,000	\$1,800,000

Sources of Project Funding FY 2005 - 2009 (in percent)

Local: 100%



Project Title: Water Tank Rehabilitation

Project Type: New Construction/Expansion

Project Manager(s): Tim Mitchell, Assistant Director of Utilities

Phase of the Project: Continuing

Location: Various locations in City (see attachment)

Status of Project Site: City Owned

Description:

Annual program to maintain the City's water storage tanks to Virginia Department of Health Standards

Operating Budget Impact (Overall operating expenses and projected staffing requirements):

N/A

Relationship to Comprehensive Plan:

Chapter 15, Page 15.7, Goal 1, *Objective 1.A.* Maintenance & Replacement. Continue with Public Works Department's focus on maintenance of the existing water system and replacement of old mains.

Department Priority:

☒

Project supports essential services

Timetable:

Sub-Project	FY 2005				FY 2006				FY 2007				FY 2008				FY 2009			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
00 City Engineering Service Charges	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
40 Consultant Engineering	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
70 Construction	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x

Total Project Cost

Expenditures through 6/30/2003	Appropriated 2004	Requested	Beyond FY 2009	Total Project Cost
Continuing	\$1,991,450	\$2,500,000	Continuing	\$4,491,450

Five Year Proposed Project Appropriation by Sub-Project

Sub-Projects	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Program Period Estimate
City Engineering Service Charges	10,000	10,000	10,000	10,000	10,000	\$50,000
Consultant Engineering	40,000	40,000	40,000	40,000	40,000	\$200,000
Construction	450,000	450,000	450,000	450,000	450,000	\$2,250,000
TOTAL	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000

Five Year Proposed Project Appropriation by Fund

4017 Water Capital Project Fund	500,000	500,000	500,000	500,000	500,000	\$2,500,000
TOTAL	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000

Five Year Proposed Project Expenditure by Source of Funding

Sources of Funding	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total Funding
G.O. Bond	250,000	500,000	500,000	500,000	500,000	\$2,250,000
TOTAL	\$250,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,250,000

Sources of Project Funding FY 2005 - 2009 (in percent)

Local: 100%



Project Title:	Water Treatment Plant Improvements
Project Type:	New Construction/Expansion
Project Manager(s):	Tim Mitchell, Assistant Director of Utilities
Phase of the Project:	Continuing
Location:	Abert Water Treatment Plant, Bedford County, Virginia and College Hill Water Treatment Plant,
Status of Project Site:	City Owned

Description:

General repairs, replacement or renovation to major plant process equipment or structures at the Abert and College Hill Water plants. This money is set aside for unanticipated expenditures for major capital equipment replacement as failures occur to maintain compliance with regulatory requirements.

Operating Budget Impact (Overall operating expenses and projected staffing requirements):

N/A

Relationship to Comprehensive Plan:

Chapter 15, Page 15.7, Goal 1, *Objective 1.A*. Maintenance & Replacement. Continue with Public Works Department's focus on maintenance of the existing water system and replacement of old mains.

Department Priority:

- ☒ Project supports essential services
- ☒ Project contributes to generation of new revenue

Timetable:

Sub-Project	FY 2005				FY 2006				FY 2007				FY 2008				FY 2009			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
40 Consultant Engineering	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
70 Construction	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x

Total Project Cost

Expenditures through 6/30/2003	Appropriated 2004	Requested	Beyond FY 2009	Total Project Cost
Continuing	\$500,000	\$1,250,000	Continuing	\$1,750,000

Five Year Proposed Project Appropriation by Sub-Project

Sub-Projects	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Program Period Estimate
Consultant Engineering	50,000	50,000	50,000	50,000	50,000	\$250,000
Construction	200,000	200,000	200,000	200,000	200,000	\$1,000,000
TOTAL	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000

Five Year Proposed Project Appropriation by Fund

4017 Water Capital Project Fund	250,000	250,000	250,000	250,000	250,000	\$1,250,000
TOTAL	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000

Five Year Proposed Project Expenditure by Source of Funding

Sources of Funding	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total Funding
G.O. Bond		250,000	162,500	75,000	50,000	\$537,500
Pay-As-You-Go	125,000		87,500	175,000	200,000	\$587,500
TOTAL	\$125,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,125,000

Sources of Project Funding FY 2005 - 2009 (in percent)

Local: 100%



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